

What is claimed is:

1. A capsule endoscopy system, adapted to transform an image of a digestive tract into an image data and to transmit the data, comprising:

5 a capsule endoscopy, having a first transceiver, wherein the capsule endoscopy is adapted to catch the image of the digestive tract and to transform the image into the image data;

a data recorder, having a second transceiver, a third transceiver and a memory, the second and the third transceivers coupled to the memory; and

10 an image processor, wherein the first transceiver of the capsule endoscopy transmits the image data to the second transceiver of the data recorder, which is stored in the memory and transmitted to the image processor by the third transceiver.

2. The capsule endoscopy system of claim 1, wherein the transmission between the first and the second transceivers is continuous.

15 3. The capsule endoscopy system of claim 1, further comprising a trigger, disposed in the data recorder or the image processor.

4. The capsule endoscopy system of claim 3, wherein the image processor has a
20 fourth transceiver, adapted to receive the image data transmitted from the third transceiver.

5. The capsule endoscopy system of claim 4, wherein the transmission between the third and the fourth transceivers is triggered by the trigger.

6. The capsule endoscopy system of claim 1, further comprising a display coupled to the image processor for displaying the image of the digest tract.

5 7. A capsule endoscopy system, adapted to transform an image of a digestive tract into an image data and to transmit the data, comprising:

 a capsule endoscopy, having a first transceiver, wherein the capsule endoscopy is adapted to catch the image of the digestive tract and to transform the image into the image data;

10 a data recorder, having a second transceiver, a third transceiver and a memory, the second and the third transceivers coupled to the memory;

 a fourth transceiver; and

 an image processor, wherein the first transceiver of the capsule endoscopy transmits the image data to the second transceiver of the data recorder, which is stored
15 in the memory and transmitted to the fourth transceiver and the image processor by the third transceiver.

 8. The capsule endoscopy system of claim 7, wherein the transmission between the first and the second transceivers is continuous.

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 9. The capsule endoscopy system of claim 7, further comprising a trigger, disposed in the data recorder or the image processor.

10. The capsule endoscopy system of claim 9, wherein the transmission between the third and the fourth transceivers is triggered by the trigger.

11. The capsule endoscopy system of claim 7, further comprising a display
5 coupled to the image processor for displaying the image of the digest tract.